

# PROJECT CASE STUDY

## Costco Wholesale - Bundamba

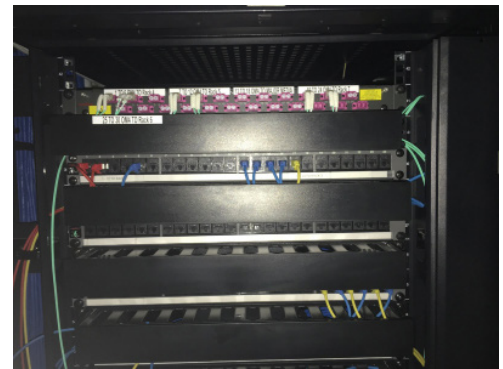
Going above and beyond for our customers

### CLIENT, LOCATION AND SCOPE

Costco Wholesale / Ikon Electrical

Bundamba is located off the Warrego Hwy in North Ipswich. As Ipswich is a high-growth area, this was a great location for a new store in regard to families that live in the area, access to the highway that connects to the Darling Downs Region and ease of placement for travel to the warehouse for staff.

Supply and installation of an information network system to provide the warehouse with access by a category 6 and multi-mode OM4 communication network, 4G antenna network connectivity, and MATV services.



### DESCRIPTION

All Data & Communications was contracted to supply and install the network connections for a brand-new Costco Wholesale Warehouse. The objective was to provide a brand-new warehouse data and communication solution.

The new warehouse will provide new goods and services to the community at low-cost pricing by the design of all services in the one place, lower setup costs of the warehouse and bulk supply of goods. The site also has a fuel station that is automated, which provides further cost savings to Costco's customers.

### THE SOLUTION

All Data & Communications installed a new Molex certified category 6 cable solution which will provide a 1 Gigabyte service to all the IT services that are required. All display screens in the major media area, where all the audio-visual equipment is housed, were fitted off with category 6A cabling. The latest in multi-mode OM4 optical fibre communication technology links between all communication and security racks throughout the warehouse and fuel station.

Due to the concerns of telecommunication dropouts in the area, two 4G antennas were installed at either end of the warehouse. This allows for continued telecommunication connection for fire and security services while maintaining services to the facility in the event of an emergency in the area (e.g. power outages and telecommunication blackouts).

### PEACE OF MIND

All Data & Communications was able to provide a 25-year system and product warranty with Molex. A proven world partner and provide certification of the site as required by Costco Wholesale across all their sites.